

Prepare Milestone & Activity List

Date	01 November 2022
Project Name	Smart Farmer -IoT enabled smart farming
Maximum marks	4 Marks
TEAM ID	PNT2022TMID04650

1. Pre requisites:

- IBM cloud services
- Software
- MIT app inventor
- Create an account in Fast2sms dashboard

2. Project Objectives:

- Abstract

3. Create And Configure IBM Cloud Services:

- Create IBM Watson Iot Platform And Device
- Create Node- Red Service
- Create A Database In Cloudant DB

4. Develop The Python Script:

- Develop A Python Script

5. Develop A Web Application Using Node-RED Service:

- Develop The Web Application Using Node-RED

6. Ideation Phase:

- Literature Survey On The Selected Project
- Prepare Empathy Map
- Ideation & Brainstorming

7. Project Design Phase -1:

- Proposed Solution
- Prepare Solution Fit
- Solution Architecture

8. Project Design Phase -2:

- Customer journey
- Functional Requirement
- Data Flow Diagram
- Technology Architecture

9. Project planning Phase:

- Prepare Milestones & Activity List
- Sprint Delivery Plan

10. Project Development Phase:

- Project Development-Delivery Of Sprint-1
- Project Development-Delivery Of Sprint-2
- Project Development-Delivery Of Sprint-3
- Project Development-Delivery Of Sprint-4

S.NO	ACTIVITY TITLE	ACTIVITY DESCRIPTION	DURATION
1	Understanding the project	Create a GitHub repository after selecting the team members, then assign tasks to each person on the team and provide instructions on how to use GitHub to submit assignments.	1 week
2	Staring the Project	To assign and complete all tasks depending on sprints by team members.	1 week
3	Completing Every Task	The team leader should check to see if each team member has finished the assignment assigned to them..	2 week
4	Deadline	Make sure that everyone on the team meets their deadlines for each task.	1 week